

Name: _____

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Exponential Growth Homework

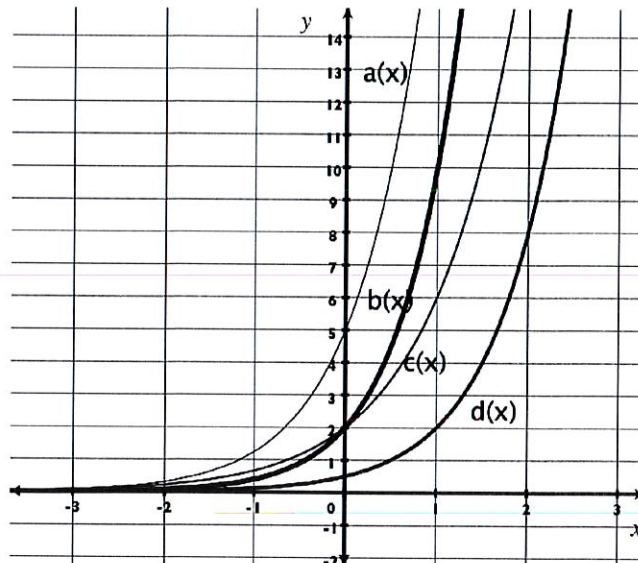
Directions: Match each function with the correct graph.

$$\underline{\hspace{2cm}} = 2(3)^x$$

$$\underline{\hspace{2cm}} = \frac{1}{2}(4)^x$$

$$\underline{\hspace{2cm}} = 2(5)^x$$

$$\underline{\hspace{2cm}} = 5(4)^x$$



Make a table from -2 to 2 and then make a sketch of each exponential growth function.

$$f(x) = -4(2)^x$$

$$f(x) = \frac{1}{2}(5)^x$$

